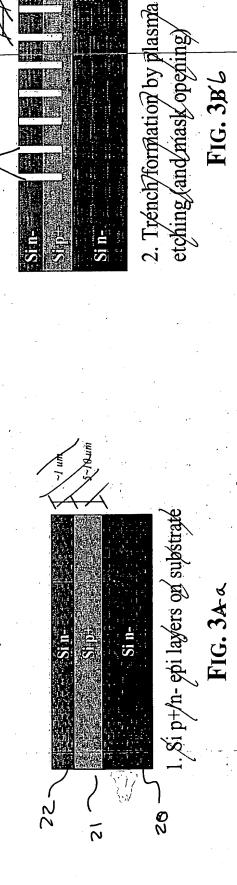
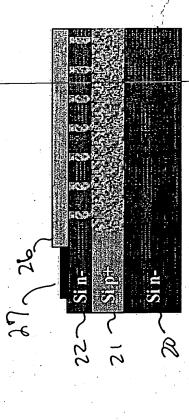


/F/G/2/





5. Deposition and patterning of the sacrificial/layer
6. Nitride isolation layer

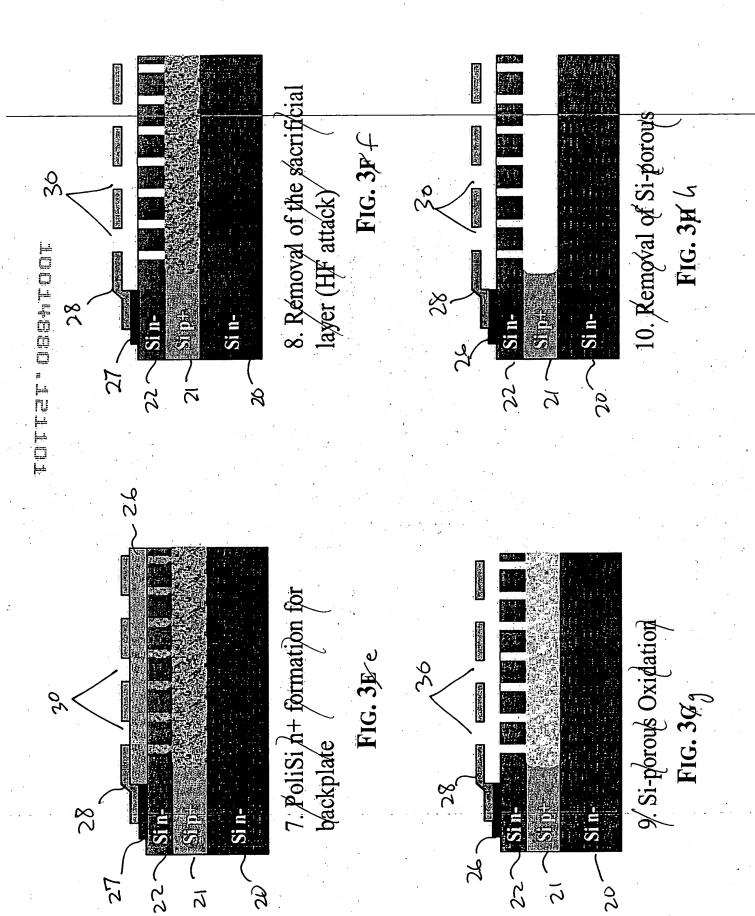
Fig. 3Del

FIG. 3¢c

by electrochemical attack
4. Trench/filling and surface
planarization

3. Si Porous formation in p+

712



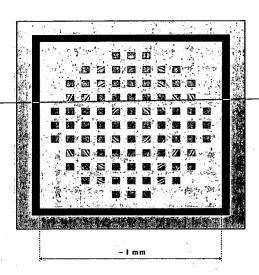


Fig. 4

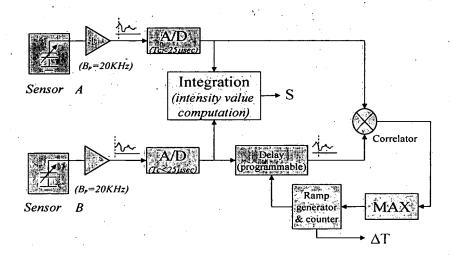


FIG. 5

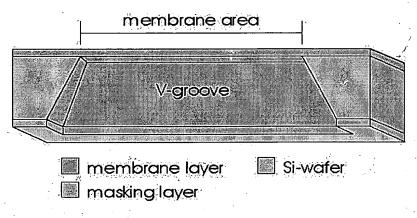


FIG. 1

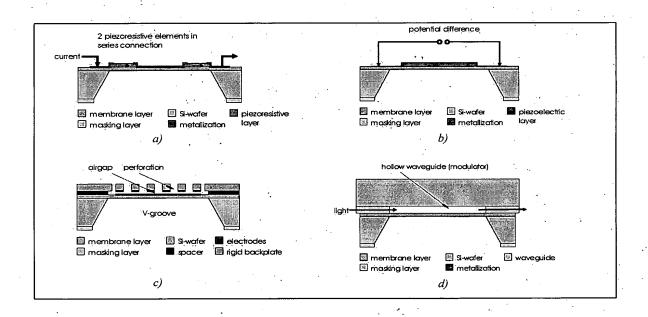


FIG. 2

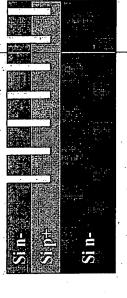
HOLFERD FETTER

100 um

Sin-

1. Si p+/n- epi layers on substrate

FIG. 3A



2. Trench formation by plasma etching (and mask opening)

FIG. 3B



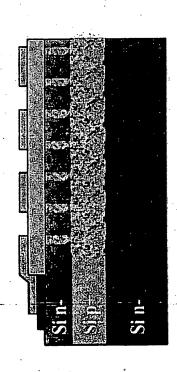
3. Si Porous formation in p+by electrochemical attack4. Trench filling and surfaceplanarization

FIG. 3C

5. Deposition and patterning of the sacrificial layer

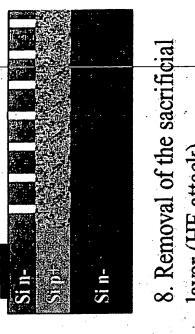
6. Nitride isolation layer

FIG. 30

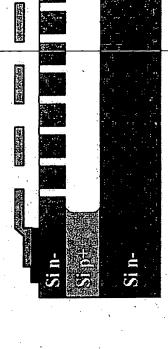


7. PoliSi n+ formation for backplate

FIG. 3E



8. Removal of the sacrificial layer (HF attack)
FIG. 3F



10. Removal of Si-porous FIG. 3H

9. Si-porous Oxidation FIG. 3G

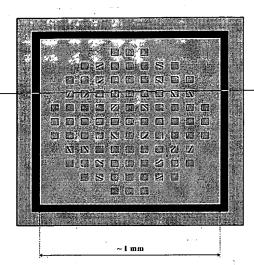


FIG. 4

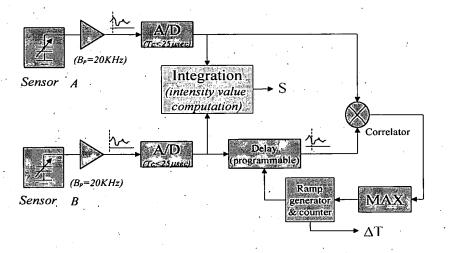


FIG. 5